



PL-CS

## Casing Scraper (mechanical) PL-CS

A Casing Scraper is a downhole tool used in oil and gas drilling operations. It incorporates a blade assembly that is used to remove scale and debris from the internal surface of a casing string. The tool is generally run on tubing or drill pipe and is routinely used during workover operations to ensure that the wellbore is clean before reinstalling the completion string.

The Casing Scraper is ideal for the removal of mud, cement, bullets, rust, scale, paraffin, perforation burrs, and other obstructions from the inside walls of the casing. Maintaining a clean casing inside diameter (ID) is important when operating drilling, fishing, or wireline tools.

### Special Features:

- provides coverage of the entire inner diameter of the casing string;
- provides free washing out of the removed sludge;
- the possibility of passing the scraper in places with a reduced inner diameter of the casing and in intervals of well curvature.

Parameters, size	4 1/2" 114,3 mm	5" 127 mm	5 1/2" 140-146 mm	6 5/8" 168,3 mm	7" 177,8 mm	9 5/8" 244,5 mm
TOOL BASIC O.D.	86	98	108	136	143	200
Tool OD	86	86	100	102	108	200
LENGTH	18	25	32	32	32	67
Max. O.D. of blades	660	660	750	990	990	1010
Min OD Blades (in the constructed position)	106	116	130	166	167	230
Tool Joint Connection	86	98	108	136	145	200
Blades number	3-66	3-66	3-76	3-88	3-88	3-122
Spring number	6	6	6	6	6	8
TOOL BASIC O.D.	30	30	30	36	36	48

\* design dimensions can be changed and manufactured to individual technological conditions of the customer's well.